

1 33850/PYI/S696

COMMAND REORDERING FOR OUT OF ORDER BUS TRANSFER

5 ABSTRACT OF THE DISCLOSURE

A system and method for increasing effective bus bandwidth in communicating with a graphics device. Graphics commands and associated parameters are written into a contiguous region of system memory and transmitted in a weakly ordered fashion over a
10 bus to a graphics device. The graphics device reorders the incoming data into the same order as which the data was written into the contiguous region of system memory, thereby allowing the use of order dependent encoded commands with the weakly ordered bus interface.

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PYI/nml

NML PAS167478.4--1/22/99 12:02 pm

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